

## **REMARKS**

By this amendment, claims 117-135, 137, 141, 143-144 and 152-153 have been cancelled without prejudice. Claims 145 and 154 have been amended. Support for these amendments can be found at page 7, lines 4-6 and 7-9; page 40, lines 3-9; page 40, line 22 to page 44, line 4; and Figs. 27A and 27B. Applicants reserve the right to pursue the cancelled claims in a continuation application. Claims 145-148 and 154-157 are now pending in this application.

### **Interview Summary**

The undersigned wishes to thank Examiners Colburn and Rada for the courtesies extended during the telephonic interview concerning this application held on July 14, 2005, between the two examiners and the undersigned. During the interview, the objection to the drawings was discussed. In addition, the rejection of claims 145 and 154 and Barnard (U.S. Pat. No. 6,456,938) were discussed. In particular, Barnard's failure to disclose a representation of an object that varies to approximate the view of the object as seen from a golfer's line of sight was argued. No agreement was reached on the allowance of any claims.

### **Objections and Rejections**

The drawings stand objected to under 37 C.F.R. § 1.83(a). The Examiner states that the drawings must show every feature of the invention specified in the claims. Therefore, the claimed subject matter of claims 117-134 must be shown or the feature(s) canceled from the claim(s).

Applicants respectfully traverse this objection. Claims 117-134 have been cancelled, without prejudice, thus mooting the objection.

Claims 117-120 and 122-123 stand rejected under 35 U.S.C. §102(e) as being anticipated by Meifu et al. (U.S. Pub. Appln. No. 2002/0004723).

Applicants respectfully traverse this rejection. Claims 117-120 and 122-123 have been cancelled, without prejudice, thus mooting the rejection.

Claims 121 and 124-134 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Meifu et al.(U.S. Pub. Appln. No. 2002/0004723) in view of Silzer Jr. (U.S. Pub. Appln. No. 2001/0045904).

Applicants respectfully traverse this rejection. Claims 121 and 124-124 have been cancelled, without prejudice, thus mooted the rejection.

Claims 135, 141, 145-148, 152 and 154-157 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Barnard (U.S. Pat. No. 6,456,938) in view of Fisher (U.S. 5,507,485).

Applicants respectfully traverse this rejection. As to claims 135, 141 and 152, these claims have been cancelled, without prejudice, thus mooted this rejection as to those claims.

As to claims 145 and 154, these claims have been amended to contain the limitation “wherein a representation of said object is displayed on said apparatus display as viewed from above said object, and said representation automatically rotates to orient said representation to coincide with said golfer’s line of sight to said object.” Neither Barnard ‘938 nor Fisher ‘485 discloses or suggests this limitation.

Barnard discloses a display that has a zoom function (col. 24, lines 43-64) and a pan function (col. 25, lines 7-22). Each of these functions requires that a button(s) or a switch be pushed by a user to change the display. The display is not changed automatically. In addition, neither function rotates the representation of an object to orient the representation to coincide with a golfer’s line of sight to the object. The zoom function simply increases or decreases the size of the displayed object. The pan function of Barnard moves the displayed object up, down, left and right (see col. 25, lines 15-22), but does not rotate the object. In particular, the pan function of Barnard is implemented using a rocker switch which is rocked up and down to move the displayed image up and down (see col. 25, lines 8-12). In addition, physical buttons to the left and right of the rocker switch serve the same function to move the displayed image to the left and right (see col. 25, lines

12-22).

Fisher merely closes the static display of three different bird's eye view options (see col. 6, lines 28-45). The orientation of an object is not varied, let alone rotated to coincide with a golfer's line of sight to the object.

The invention defined by claims 145 and 154 automatically rotates a representation of an object to follow a golfer as she plays. Since the path followed by most players from the tee to the hole is not a direct one, the invention defined by these claims allows the golfer to quickly and easily see the contour of the particular object, such as a green or sand trap, as oriented along her line of sight. In this way it is easier for the golfer to determine the window she must hit or miss. Neither Barnard's device nor Fisher's device provides these benefits to a user.

Consequently, it is submitted that claims 145 and 154 define patentable subject matter. Since claims 146-148 depend directly or indirectly from claim 145, and claims 155-157 depend directly or indirectly from claim 154, it is submitted that these claims are allowable for the same reasons that claims 145 and 154 are allowable.

Claims 137 and 153 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Barnard (U.S. Pat. No. 6,546,938) in view of Fisher (U.S. Pat. No. 5,507,485) and Rudow et al. (U.S. Pub. Appln. No. 2002/0016674).

Applicants respectfully traverse this rejection. Claims 137 and 153 have been cancelled, without prejudice, thus mooted the rejection.

Claims 143 and 144 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Barnard (U.S. Pat. No. 6,546,938) in view of Meifu (U.S. Pub. Appln. No. 2002/0004723).

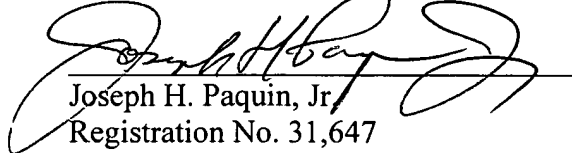
Applicants respectfully traverse this rejection. Claims 143 and 144 have been cancelled, without prejudice, thus mooted the rejection.

## CONCLUSION

In view of the foregoing amendments and remarks, Applicants respectfully submit that all of the currently pending claims are in allowable form and that the application is in condition for allowance. Reconsideration and reexamination of the pending claims is requested. If for any reason the Examiner is unable to allow the application and feels that an interview would be helpful to resolve any remaining issues, the Examiner is respectfully requested to contact the undersigned attorney at (312) 372-2000.

Respectfully submitted,

McDERMOTT WILL & EMERY LLP



Joseph H. Paquin, Jr.  
Registration No. 31,647

227 West Monroe Street  
Chicago, IL 60606-5096  
Phone: 312.372.2000  
Facsimile: 312.984.7700  
**Date: August 2, 2005**

**Please recognize our Customer No. 1923  
as our correspondence address.**

CHI99 4500152-1.059392.0010